

# REGULAR MAINTENANCE INSPECTION — Every 12,500 Miles

## All 1976 Models (25 000 Mile Intervals)



service

Customer: \_\_\_\_\_ Work Order No.: \_\_\_\_\_  
 Address: \_\_\_\_\_ License No.: \_\_\_\_\_  
 City & State: \_\_\_\_\_ Mileage: \_\_\_\_\_  
 Zip Code or Province: \_\_\_\_\_ Time Promised: \_\_\_\_\_

### Maintenance Work to be Performed:

- ☐ MB Maintenance Service (three sections) with engine oil change and oil filter service.  
 Oil: Brand-Viscosity \_\_\_\_\_

### Additional Maintenance Work to be Performed Every 25,000 Miles:

- ☐ Radiator Coolant: \_\_\_\_\_ °F  
 Check level and antifreeze mixture. Replace antifreeze mixture every three years.  
☐ Replace brake fluid, (once a year, preferably in Spring). Use only specified brake fluid.

### M-B Individual Maintenance Jobs Performed as Needed:

- ☐ Section I: Lubrication Service  
 Engine oil change with oil filter service.  
 Oil: Brand-Viscosity \_\_\_\_\_  
☐ Section II: Engine Testing;  
 Engine maintenance.  
☐ Section III: Safety Inspection.

### Special Maintenance Work Performed at Extra Cost:

- ☐ Sliding Roof: Clean guide channels and lubricate lightly.  
☐ Lighting System: Check headlights and aim.  
☐ Battery: Clean housing and terminals; grease terminals lightly.  
☐ Water drain holes and channels; clean  
☐ Wax and polish chrome.  
☐ Clean Engine and Engine Compartment; lubricate all control linkages.

### Special Instructions from Customer:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### Visual Inspection: Check For Leakage and General Condition.

- |                                       |  |   |   |
|---------------------------------------|--|---|---|
| <input type="checkbox"/> Engine       | <input type="checkbox"/> Rear Axle       | <input type="checkbox"/> Front Axle     | <input type="checkbox"/> Undercarriage  |
| <input type="checkbox"/> Steering     | <input type="checkbox"/> Brakes          | <input type="checkbox"/> Tires          | <input type="checkbox"/> Body Condition |
| <input type="checkbox"/> Transmission | <input type="checkbox"/> Shock Absorbers | <input type="checkbox"/> Exhaust System |   |

Result: \_\_\_\_\_  
 \_\_\_\_\_

## Section I: Lubrication Service with Oil Filter Change

240D-300D  
 230  
 280-280C  
 280S  
 450-All

### Oil Change

- ☐ ☐ ☐ ☐ ☐ 151 Engine oil with filter change.

240D-300D  
 230  
 280-280C  
 280S  
 450-All

### Inspection for Leaks and Condition

- ☐ ☐ ☐ ☐ ☐ 038 Heating & cooling system.  
☐ ☐ ☐ ☐ ☐ 041 Fuel hoses and pipes.  
☐ 045 Clutch operating mechanism  
 (240 D only).

240D-3000	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Check Fluid Level and Replenish</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(Check for leakage)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	120 Automatic transmission.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	121 Manual transmission (240 D only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	130 Rear axle.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	134 Power steering.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	350 Door hinges.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	465 Windshield washer system.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	484 Air conditioning.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	700 Brake system.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	788 Stromberg carburetor.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	800 Fuel injection pump (240 D only)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	821 Battery.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	990 Radiator.

240D-3000	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Body and Chassis Lubrication</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	393 Door locks.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	395 Hood.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	398 Parking brake linkage guide (in drive shaft tunnel.) *450 SL/SLC only
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	415 Engine control linkages, control shafts and cables (not required on control shafts with plastic bearings).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	492 Clean door seal flanges. Coat door seals with OREL or similar rubber treatment.
Use only the following factory-recommended hydraulic oils: BP Hydraulic 1; Castrol DB Hydraulic Fluid; Esso Univers J-43; Mobile Aero HFA; Shell Aero Fluid 4.					

## Section II : Electronic Engine Test and Engine Maintenance

240D-3000	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Mechanical</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	753 Adjust valve clearances.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	202 Clean filter element; replace every 25,000 miles (*300 D only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	205 Clean Oil bath air cleaner and change oil. (240 D only).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	757 Check all drive belt tension and conditon.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	762 Clean flame arrester.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	770 Replace spark plugs.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	772 Check ignition timing and ignition change-over.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	785 Exhaust manifold heater flap. Check for free movement and free up as required (Engine M 115 only).

240D-3000	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	773 Replace distributor points
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	782 Check and adjust dwell angle, ignition timing and ignition changeover
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	797 Check and adjust engine idle speed control
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	798 Carburetor and injection engines: check idle adjustment with C.O. tester. Check throttle lift (carburetor engines).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	832 Analyze engine with oscilloscope
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	895 Check alternator fastening bolt for tightness

## Section III : Safety Check

240D-3000	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	025 Steering system: check play at steering wheel, in shaft coupling and in ball joints of tie rods and drag link. Check rubber boots for leak tightness.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	982 Tires: check tire tread wear and other tire damage.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	983 Wheels: remove and reinstall. Check wheel disc for condition. Check inner rim for dirt accumulation.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	987 Correct tire air pressure.

240D-3000	230	280-280C	280S	450-All	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	009 Parking brake. Check brake cable action.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	703 Brake calipers: check for leakage and piston action, check condition of dust shield.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	707 Brake pads: remove, clean, check and replace if necessary.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	708 Brake discs: Clean ventilating passages.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	709 Brake discs: Check for condition.

(continued)

## Safety Check (continued)

240D-300D  
230  
280-280C  
280S  
450-All

- ☐ ☐ ☐ ☐ ☐ 706 Parking brake: re-adjust.
- ☐ ☐ ☐ ☐ ☐ 028 Front axle ball joints: check for condition and rubber boots for leak tightness.  
☐ ☐ Check ball joint for developed play.

### Retightening of Nuts, Bolts, and Retaining Parts

- ☐ ☐ ☐ ☐ ☐ 924 Steering gear mounting screws (3).
- ☐ ☐ ☐ ☐ ☐ 988 Wheel bolts.

### Function Test

- ☐ ☐ ☐ ☐ ☐ 097 Brake test on test stand/road.
- ☐ ☐ ☐ ☐ ☐ 098 Road test or dynamometer  
\_\_\_\_\_ Clutch.  
\_\_\_\_\_ Manual transmission.  
\_\_\_\_\_ Automatic transmission.  
\_\_\_\_\_ Air conditioner.

240D-300D  
230  
280-280C  
280S  
450-All

- ☐ ☐ ☐ ☐ ☐ 099 Check function of:  
\_\_\_\_\_ Headlight, rear lights and stop light.  
\_\_\_\_\_ Directional signals: Hazard warning lights.  
\_\_\_\_\_ Windshield wiper, windshield washer.  
\_\_\_\_\_ Heating and ventilation.

### Tire tread depth and brake performance

Front—Left		Front—Right	
IN.	KP	IN.	KP
Rear—Left		Rear—Right	
IN.	KP	IN.	KP

## Maintenance: Additional Maintenance Work to be Performed Every 25,000 Miles

240D-300D  
230  
280-280C  
280S  
450-All

### Oil Change

- ☐ ☐ ☐ ☐ ☐ 170 Automatic transmission oil change.

### Filter Replacement or Cleaning

- ☐ ☐ ☐ ☐ ☐ 174 Automatic transmission: replace filter element.
- ☐ ☐ ☐ ☐ ☐ 612 Power steering: Replace filter element.
- ☐ ☐ ☐ ☐ ☐ 813 Check throttle control linkage.
- ☐ ☐ ☐ ☐ ☐ 840/847 Fuel filter: Check strainer, replace filter.
- ☐ 844 Fuel pre-filter: check.
- ☐ 845 Fuel main filter: Clean filter element and filter housing.

### Lubrication

- ☐ ☐ ☐ ☐ ☐ 388 Front wheel grease caps: clean and refill with new grease.
- ☐ 704 Check oil level in vacuum pump.

240D-300D  
230  
280-280C  
280S  
450-All

### Tightening of Nuts and Bolts

- ☐ ☐ ☐ 871 Intake and exhaust manifold nuts and exhaust flange bolts.  
Exhaust pipe flange only.
- ☐ ☐ 876 Carburetor mounting flange screws.

### Checking

- ☐ ☐ ☐ ☐ ☐ 030 Check propeller shaft joint discs for wear or damage.
- ☐ ☐ ☐ ☐ ☐ 501 Check clutch lining thickness (manual transmission only). (240 D only).
- ☐ ☐ ☐ ☐ ☐ 625 Check front wheel toe-in.

### Engine

- ☐ ☐ ☐ ☐ ☐ 767 Replace catalyst some time after 50,000 miles if required; Engine M 115 at 25,000 miles and after 50,000 miles if required.
- ☐ 787 Check start of delivery once after 25,000 miles.

Date \_\_\_\_\_

Service Manager (Signature) \_\_\_\_\_